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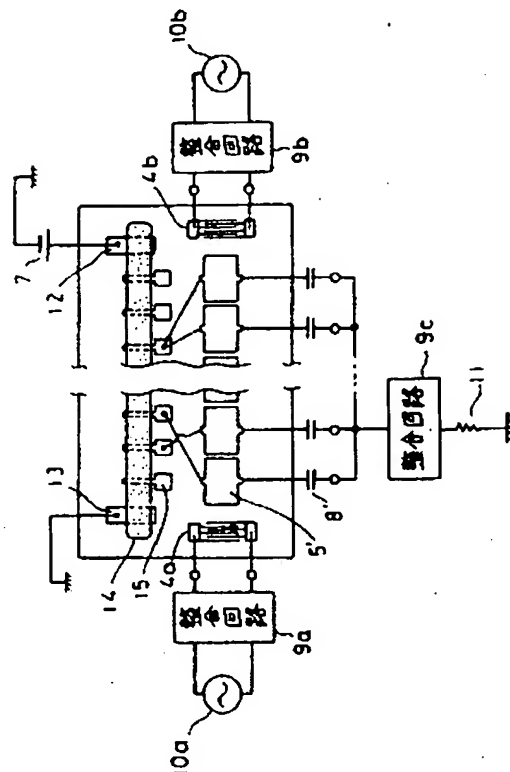
APPLICATION DATE : 21-09-84
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APPLICANT : CLARION CO LTD;

INVENTOR : MINAGAWA SHOICHI;

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TITLE : SURFACE ACOUSTIC WAVE DEVICE



ABSTRACT : PURPOSE: To improve the entire efficiency of the element by splitting an output gate electrode into plural number and providing a DC bias power supply with taps.

CONSTITUTION: The output gate electrode 5' is split into plural number in a direction tying signal input transducers 4a, 4b. On the other hand, a voltage terminal 12 and a ground terminal 13 are tied by a thin film resistor array 14, and the resistor array 14 is provided with bias voltage extracting taps at a proper interval. Then the connection between the electrode 5' and each tap 15 is attained by applying a prescribed constant voltage to the terminal 12 and selecting a tap 15 from which a desired voltage is obtained. Thus, an optimum bias voltage to the C-V characteristic beneath each electrode 5' from a DC bias power supply 7 is applied. Thus, the entire efficiency of the element is improved in this way.

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